

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Brock Wayne Watson	§	Attorney Docket No.: 25791.260.06
	§	
Appl. No. 10/550,906	§	Group Art Unit: Unknown
	§	
Filed: September 27, 2005	§	Examiner: Unknown
	§	
For: APPARATUS FOR RADIALLY EXPANDING AND PLASTICALLY DEFORMING A TUBULAR MEMBER		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

Pursuant to 37 CFR 1.98 (a)(2)(i), copies of the U.S. patent documents listed on the enclosed modified Form PTO-1449 are not attached.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)). The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted,



Todd Mattingly  
Registration No. 40298

Date: May 15, 2006  
HAYNES AND BOONE, LLP  
901 Main Street, Suite 3100  
Dallas, Texas 75202-3789  
Telephone: 713-547-2301  
Facsimile: 214-200-0853  
File: 25791.260.06  
Box 16 of 18

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

SHEET 1 OF 4

Complete if Known

Application Number 10/550,906

Filing Date 9/27/2005

Applicant(s) Brock Wayne Watson

Art Unit Unknown

Examiner Name Unknown

Attorney Docket Number 25791.260.06

## **OTHER PRIOR ART - ARTICLES**

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS); title of the article; title of the item, date, page(s); volume; issue number(s); publisher, city/country where published
	C1	ARBUCKLE, "Advanced Laser Texturing Tames Tough Tasks," Metal Forming Magazine.
	C2	BAKER HUGHES, "Expatch Expandable Cladding System," October 2002.
	C3	BAKER HUGHES, "Expacex Expandable Casing System."
	C4	BAKER HUGHES, "Formlock Expandable Liner Hangers."
	C5	BANABIC, "Research Projects," January 30, 1999.
	C6	BLASINGAME et al., "Solid Expandable Tubular Technology in Mature Basins," <i>Society of Petroleum Engineers</i> 2003.
	C7	BRASS et al., "Water Production Management - PDO's Successful Application of Expandable Technology," <i>Society of Petroleum Engineers</i> , 2002.
	C8	BRIZMER et al., "A Laser Surface Textured Parallel Thrust Bearing," <i>Tribology Transactions</i> , 46(3):397-403, 2003.
	C9	BROCK et al., "An Expanded Horizon," <i>Hart's E&amp;P</i> , February 2000.
	C10	BUCKLER et al., "Expandable Cased-hole Liner Remediates Prolific Gas Well and Minimizes Loss of Production," <i>Offshore Technology Conference</i> , 15151.
	C11	BULLOCK, "Advances Grow Expandable Applications," <i>The American Oil &amp; Gas Reporter</i> , September 2004.
	C12	CALES, "The Development and Applications of Solid Expandable Tubular Technology," <i>Enventure Global Technology</i> , Paper 2003-136, 2003.
	C13	CALES et al., "Reducing Non-Productive Time Through the Use of Solid Expandable Tubulars: How to Beat the Curve Through Pre-Planning," <i>Offshore Technology Conference</i> , 16669, 2004.
	C14	CALES et al., "Subsidence Remediation - Extending Well Life Through the Use of Solid Expandable Casing Systems," <i>AADE Houston Chapter</i> , March 27, 2001.
	C15	CAMPO et al., "Case Histories- Drilling and Recompletion Applications Using Solid Expandable Tubular Technology," <i>Society of Petroleum Engineers</i> , SPE/IADC 72304, 2002.
	C16	SARGENT et al., "Solid Expandable Tubular Technology- The Value of Planned Installations vs. Contingency."
	C17	CASE HISTORY, "Eemskanaal-2 Groningen," <i>Enventure Global Technology</i> , February 2002.
	C18	CASE HISTORY, "Graham Ranch No. 1 Newark East Barnett Field" <i>Enventure Global Technology</i> , February 2002.
	C19	CASE HISTORY, "K.K. Camel No.1 Ridge Field Lafayette Parish, Louisiana," <i>Enventure Global Technology</i> , February 2002.
	C20	CASE HISTORY, "Mississippi Canyon 809 URSA TLP, OSC-G 5868, No. A-12," <i>Enventure Global Technology</i> , March 2004.
	C21	CASE HISTORY, "Unocal Sequoia Mississippi Canyon 941 Well No. 2" <i>Enventure Global Technology</i> , 2005.
	C22	CASE HISTORY, "Yibal 381 Oman," <i>Enventure Global Technology</i> , February 2002.
	C23	COOK, "Same Internal Casing Diameter From Surface to TD," <i>Offshore</i> , July 2002.
	C24	COTTRILL, "Expandable Tubulars Close in on the Holy Grail of Drilling," <i>Upstream</i> , July 26, 2002.
	C25	DAIGLE et al., "Expandable Tubulars: Field Examples of Application in Well Construction and Remediation," <i>Society of Petroleum Engineers</i> , SPE 62958, 2000.
	C26	DANESHY, "Technology Strategy Breeds Value," <i>E&amp;P</i> , May 2004.
	C27	DATA SHEET, "Enventure Cased-Hole Liner (CHL) System" <i>Enventure Global Technology</i> , December 2002.
	C28	DATA SHEET, "Enventure Openhole Liner (OHL) System" <i>Enventure Global Technology</i> , December 2002.
	C29	DATA SHEET, "Window Exit Applications OHL Window Exit Expansion" <i>Enventure Global Technology</i> , June 2003.
	C30	DEAN et al., "Monodiameter Drilling Liner - From Concept to Reality," <i>Society of Petroleum Engineers</i> , SPE/IADC 79790, 2003.

C31	DEMONG et al., "Breakthroughs Using Solid Expandable Tubulars to Construct Extended Reach Wells," <i>Society of Petroleum Engineers</i> , IADC/SPE 87209, 2004.
C32	DEMONG et al., "Casing Design in Complex Wells: The Use of Expandables and Multilateral Technology to Attack the size Reduction Issue"
C33	DEMONG et al., "Expandable Tubulars Enable Multilaterals Without Compromise on Hole Size," <i>Offshore</i> , June 2003.
C34	DEMONG et al., "Planning the Well Construction Process for the Use of Solid Expandable Casing," <i>Society of Petroleum Engineers</i> , SPE 85303, 2003.
C35	DEMOULIN, "Les Tubes Expandibles Changent La Face Du Forage Petrolier," <i>L'Usine Nouvelle</i> , 2878:50-52, 3 Juillet 2003.
C36	DUPAL et al., "Realization of the MonoDiameter Well: Evolution of a Game-Changing Technology," <i>Offshore Technology Conference</i> , OTC 14312, 2002.
C37	DUPAL et al., "Solid Expandable Tubular Technology – A Year of Case Histories in the Drilling Environment," <i>Society of Petroleum Engineers</i> , SPE/IADC 67770, 2001.
C38	DUPAL et al., "Well Design with Expandable Tubulars Reduces Cost and Increases Success in Deepwater Applications," <i>Deep Offshore Technology</i> , 2000.
C39	DUPHORNE, "Letter Re: Enventure Claims of Baker Infringement of Enventure's Expandable Patents," April 1, 2005.
C40	EGGE, "Technical Overview Production Enhancement Technology," Baker Hughes, March 10, 2003.
C41	"EIS Expandable Isolation Sleeve" <i>Expandable Tubular Technology</i> , February 2003.
C42	ENVENTURE GLOBAL TECHNOLOGY, "Solid Expandable Tubulars are Enabling Technology," <i>Drilling Contractor</i> , March-April 2001.
C43	"Enventure Ready to Rejuvenate the North Sea," <i>Roustabout</i> , September 2004.
C44	ESCOBAR et al., "Increasing Solid Expandable Tubular Technology Reliability in a Myriad of Downhole Environments," <i>Society of Petroleum Engineers</i> , SPE/IADC 81094, 2003.
C45	ETSION, "Improving Tribological Performance of Mechanical Seals by Laser Surface Texturing," <i>Surface Technologies, LTD.</i>
C46	ETSION, "A Laser Surface Textured Hydrostatic Mechanical Seal," <i>Sealing Technology</i> , March 2003
C47	"Expandable Casing Accesses Remote Reservoirs," <i>Petroleum Engineer International</i> , April 1999.
C48	"Expandable Sand Screens," <i>Weatherford Completion Systems</i> , 2002.
C49	FILIPPOV et al., "Expandable Tubular Solutions," <i>Society of Petroleum Engineers</i> , SPE 56500, 1999.
C50	"First ever SET Workshop Held in Aberdeen," <i>Roustabout</i> , October 2004.
C51	FISCHER, "Expandables and the Dream of the Monodiameter Well: A Status Report," <i>World Oil</i> , July 2004.
C52	FONTOVA, "Solid Expandable Tubulars (SET) Provide Value to Operators Worldwide in a Variety of Applications," <i>EP Journal of Technology</i> , April 2005.
C53	FRAUNHOFER IWU, "Research Area: Sheet Metal Forming – Superposition of Vibrations," 2001.
C54	FURLOW, "Casing Expansion, Test Process Fine Tuned on Ultra-deepwater Well," <i>Offshore</i> , December 2000.
C55	FURLOW, "Expandable Casing Program Helps Operator Hit TD With Larger Tubulars," <i>Offshore</i> , January 2000.
C56	FURLOW, "Expandable Solid Casing Reduces Telescope Effect," <i>Offshore</i> , August 1998.
C57	FURLOW, "Agbada Well Solid Tubulars Expanded Bottom Up, Screens Expanded Top Down," <i>Offshore</i> , 2002.
C58	GILMER et al., "World's First Completion Set Inside Expandable Screen," <i>High-Tech Wells</i> , 2003.
C59	GRANT et al., "Deepwater Expandable Openhole Liner Case Histories: Learnings Through Field Applications," <i>Offshore Technology Conference</i> , OCT 14218, 2002.
C60	GUICHELAAR et al., "Effect of Micro-Surface Texturing on Breakaway Torque and Blister Formation on Carbon-Graphite Faces in a Mechanical Seal," <i>Lubrication Engineering</i> , August 2002.
C61	GUSEVIK et al., "Reaching Deep Reservoir Targets Using Solid Expandable Tubulars" <i>Society of Petroleum Engineers</i> , SPE 77612, 2002.
C62	HAEFKE et al., "Microtexturing of Functional Surfaces for Improving Their Tribological Performance," <i>Proceedings of the International Tribology Conference</i> , 2000.
C63	Halliburton Completion Products, 1996.
C64	HAUT et al., "Meeting Economic Challenges of Deepwater Drilling with Expandable-Tubular Technology," <i>Deep Offshore Technology Conference</i> , 1999.
C65	HULL, "Monodiameter Technology Keeps Hole Diameter to TD," <i>Offshore</i> October 2002.
C66	<i>Innovators Chart the Course,</i>
C67	LANGLEY, "Case Study: Value in Drilling Derived From Application-Specific Technology," October 2004.
C68	LINZELL, "Trib-Gel A Chemical Cold Welding Agent," 1999.
C69	LIZOTTE, "Scratching The Surface," <i>PT Design</i> , June 19993
C70	LOHOEFER et al., "Expandable Liner Hanger Provides Cost-Effective Alternative Solution," <i>Society of Petroleum Engineers</i> , IADC/SPE 59151, 2000.
C71	MACK et al., "How in Situ Expansion Affects Casing and Tubing Properties," <i>World Oil</i> , July 1999, pgs 69-71.
C72	MACK et al., "In-Situ Expansion of Casing and Tubing – Effect on Mechanical Properties and Resistance to Sulfide Stress Cracking,"

C73	MERRITT, "Casing Remediation: Extending Well Life Through The Use of Solid Expandable Casing Systems,"
C74	MERRITT et al., "Well Remediation Using Expandable Cased-Hole Liners," <i>World Oil</i> , July 2002.
C75	MERRITT et al., "Well Remediation Using Expandable Cased-Hole Liners: Summary of Case Histories"
C76	MOHAWK ENERGY, "Minimizing Drilling Ecoprints" Houston, December 16 2005
C77	MOORE et al., "Expandable Liner Hangers: Case Histories," <i>Offshore Technology Conference</i> , OTC 14313, 2002.
C78	MOORE et al., "Field Trial Proves Upgrades to Solid Expandable Tubulars," <i>Offshore Technology Conference</i> , OTC 14217, 2002.
C79	News Release, "Shell and Halliburton Agree to Form Company to Develop and Market Expandable Casing Technology," June 3, 1998.
C80	NOR, et al., "Transforming Conventional Wells to Bigbore Completions Using Solid Expandable Tubular Technology," <i>Offshore Technology Conference</i> , OTC 14315, 2002.
C81	PATIN et al., "Overcoming Well Control Challenges with Solid Expandable Tubular Technology," <i>Offshore Technology Conference</i> , OTC 15152, 2003.
C82	Power Ultrasonics, "Design and Optimisation of An Ultrasonic Die System For Forming Metal Cans," 1999.
C83	RATLIFF, "Changing Safety Paradigms in the Oil and Gas Industry," <i>Society of Petroleum Engineers</i> , SPE 90828, 2004.
C84	RIVENBARK "Expandable Tubular Technology – Drill Deeper, Farther, More Economically," <i>Enventure Global Technology</i> .
C85	RIVENBARK et al., "Solid Expandable Tubular Technology: The Value of Planned Installation vs. Contingency," <i>Society of Petroleum Engineers</i> , SPE 90821, 2004.
C86	RIVENBARK et al., "Window Exit Sidetrack Enhancements Through the Use of Solid Expandable Casing," <i>Society of Petroleum Engineers</i> , IADC/SPE 88030, 2004.
C87	ROCA et al., "Addressing Common Drilling Challenges Using Solid Expandable Tubular Technology," <i>Society of Petroleum Engineers</i> , SPE 80446, 2003.
C88	RONEN et al., "Friction-Reducing Surface-Texturing in Reciprocating Automotive Components," <i>Tribology Transactions</i> , 44(3):359-366, 2001.
C89	RKY et al., "Experimental Investigation of Laser Surface Texturing for Reciprocating Automotive Components," <i>Tribology Transactions</i> , 45(4):444-449, 2002.
C90	SANDERS et al., "Practices for Providing Zonal Isolation in Conjunction with Expandable Casing Jobs-Case Histories," 2003.
C91	SANDERS et al., "Three Diverse Applications on Three Continents for a Single Major Operator," <i>Offshore Technology Conference</i> , OTC 16667, 2004.
C92	"SET TECHNOLOGY: The Facts" 2004.
C93	SIEMERS et al., "Development and Field Testing of Solid Expandable Corrosion Resistant Cased-hole Liners to Boost Gas Production in Corrosive Environments," <i>Offshore Technology Conference</i> , OTC 15149, 2003.
C94	"Slim Well-Stepping Stone to MonoDiameter," <i>Hart's E&amp;P</i> , June 2003.
C95	SMITH, "Pipe Dream Reality," <i>New Technology Magazine</i> , December 2003.
C96	"Solid Expandable Tubulars," <i>Hart's E&amp;P</i> , March 2002.
C97	SPARLING et al., "Expanding Oil Field Tubulars Through a Window Demonstrates Value and Provides New Well Construction Option," <i>Offshore Technology Conference</i> , OTC 16654, 2004.
C98	SUMROW, "Shell Drills World's First Monodiameter Well in South Texas," <i>Oil and Gas</i> , October 21, 2002.
C99	TOUBOUL et al., "New Technologies Combine to Reduce Drilling Cost in Ultradeepwater Applications," <i>Society of Petroleum Engineers</i> , SPE 90830, 2004.
C100	TURCOTTE et al., "Geodynamics Applications of Continuum Physics to Geological Problems," 1982.
C101	VAN NOORT et al., "Using Solid Expandable Tubulars for Openhole Water Shutoff," <i>Society of Petroleum Engineers</i> , SPE 78495, 2002.
C102	VAN NOORT et al., "Water Production Reduced Using Solid Expandable Tubular Technology to "Clad," in Fractured Carbonate Formation" <i>Offshore Technology Conference</i> , OTC 15153, 2003.
C103	VON FLATERN, "From Exotic to Routine – the Offshore Quick-step," <i>Offshore Engineer</i> , April 2004.
C104	VON FLATERN, "Oilfield Service Trio Target Jules Verne Territory," <i>Offshore Engineer</i> , August 2001
C105	WADDELL et al., "Advances in Single-diameter Well Technology: The Next Step to Cost-Effective Optimization," <i>Society of Petroleum Engineers</i> , SPE 90818, 2004.
C106	WADDELL et al., "Installation of Solid Expandable Tubular Systems Through Milled Casing Windows," <i>Society of Petroleum Engineers</i> , IADC/SPE 87208, 2004.
C107	WILLIAMS, "Straightening the Drilling Curve," <i>Oil and Gas Investor</i> , January 2003.
C108	www.JETLUBE.com, "Oilfield Catalog – Jet-Lok Product Application Descriptions," 1998.
C109	www.MATERIALSRESOURCES.com, "Low Temperature Bonding of Dissimilar and Hard-to-Bond Materials and Metals Including," 2004.
C110	www.MITCHEMET.com, "3d Surface Texture Parameters," 2004.
C111	www.SPURIND.com, "Galvanic Protection, Metallurgical Bonds, Custom Fabrications – Spur Industries," 2000.
C112	"Expand Your Opportunities," <i>Enventure</i> . CD-ROM. June 1999.

	C113	"Expand Your Opportunities." <u>Enventure</u> . CD-ROM. May 2001.
--	------	---

Examiner Signature	/William Neuder/	Date Considered	12/11/2008
-----------------------	------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.